

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	99	((("5742325") or ("6020979") or ("4786975") or ("5014124") or ("5387985") or ("6011878") or ("4768082") or ("5521990") or ("5781709") or ("5809167") or ("5864638") or ("5867277") or ("6137907") or ("4245258") or ("4559563") or ("4797943") or ("4803558") or ("4860115") or ("4893188") or ("4912569") or ("4914524") or ("4918543") or ("5181127") or ("5204753") or ("5216753") or ("5274472") or ("5278670") or ("5289294") or ("5293430") or ("5313570") or ("5327262") or ("5339172") or ("5341226") or ("5359423") or ("5463703") or ("5521722") or ("5537226") or ("5553162") or ("5579445") or ("5606432") or ("5606648") or ("5634089") or ("5647026") or ("5668643") or ("5668931") or ("5694224") or ("5696845") or ("5724455") or ("5729634") or ("5734801").pn.))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/11 17:43
L2	55	l1 and halftone and resolution	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L3	55	l2 and @ad<"20030306"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L4	34	3 and (edges\$1 or contour\$1 or bouders\$1 or board\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L5	33	4 and document	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L6	8	5 and label\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:26

L7	24	((("6437878") or ("6389167") or ("6385344") or ("6347153") or ("6229923") or ("6198850") or ("5949964") or ("5617216") or ("5392365") or ("5327262") or ("5131059") or ("5014124") or ("4893188").pn))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/11 18:25
L8	9	7 and halftone and resolution	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L9	9	8 and @ad<"20030306"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L10	7	9 and (edges\$1 or contour\$1 or bouders\$1 or board\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L11	5	10 and document	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:26
L12	0	11 and label\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:26

10729663_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10729663 on August 11, 2005

Original Classifications

4 358/1.9
3 358/462
3 382/270
2 358/2.1
2 358/296
2 358/3.24
2 358/443
2 358/465
2 382/254

Cross-Reference Classifications

6 358/1.9
5 358/464
5 358/534
4 358/462
3 358/296
3 358/3.07
3 358/3.14
3 358/466
3 358/518
3 382/176
2 358/1.2
2 358/3.27
2 358/300
2 358/447
2 358/463
2 358/465
2 358/504
2 358/530
2 358/533
2 382/164
2 382/239
2 382/266
2 382/270
2 382/275
2 382/299

Combined Classifications

10 358/1.9
7 358/462
5 358/296
5 358/464
5 358/534
5 382/270
4 358/465
4 358/518
3 358/1.2
3 358/3.07
3 358/3.14
3 358/3.24
3 358/443
3 358/447
3 358/466
3 358/530
3 382/176
3 382/299
2 358/2.1
2 358/3.01

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2 358/3.27
2 358/300
2 358/451
2 358/453
2 358/461
2 358/463
2 358/500
2 358/504
2 358/527
2 358/533
2 382/164
2 382/173
2 382/239
2 382/254
2 382/266
2 382/275
2 382/298

10729663_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10729663 on August 11, 2005

- 10 358/1.9 (4 OR, 6 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/1.1 STATIC PRESENTATION PROCESSING (E.G.,
PROCESSING DATA FOR PRINTER, ETC.)
- 358/1.9 .Attribute control
- 7 358/462 (3 OR, 4 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/400 FACSIMILE
- 358/443 .Specific signal processing circuitry
- 358/448 ..Image processing
- 358/462 ...Text and image detection and processing
- 5 358/296 (2 OR, 3 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/400 FACSIMILE
- 358/296 .Recording apparatus
- 5 358/464 (0 OR, 5 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/400 FACSIMILE
- 358/443 .Specific signal processing circuitry
- 358/448 ..Image processing
- 358/464 ...To distinguish intelligence from background
- 5 358/534 (0 OR, 5 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/500 NATURAL COLOR FACSIMILE
- 358/530 .Specific image-processing circuitry
- 358/534 ..Halftone processing
- 5 382/270 (3 OR, 2 XR)
Class 382 : IMAGE ANALYSIS
- 382/254 IMAGE ENHANCEMENT OR RESTORATION
- 382/270 .Variable threshold, gain, or slice level
- 4 358/465 (2 OR, 2 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/400 FACSIMILE
- 358/443 .Specific signal processing circuitry
- 358/448 ..Image processing
- 358/465 ...Picture signal thresholding
- 4 358/518 (1 OR, 3 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/500 NATURAL COLOR FACSIMILE
- 358/518 .Color correction
- 3 358/1.2 (1 OR, 2 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

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- 358/1.1 STATIC PRESENTATION PROCESSING (E.G.,
 PROCESSING DATA FOR PRINTER, ETC.)
- 358/1.2 .Size, resolution, or scale control
- 3 358/3.07 (0 OR, 3 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/1.1 STATIC PRESENTATION PROCESSING (E.G.,
 PROCESSING DATA FOR PRINTER, ETC.)
 - 358/1.9 .Attribute control
 - 358/3.01 ..Multi-level image reproduction (e.g., gray
 level reproduction)
 - 358/3.06 ...Halftoning (e.g., a pattern of print
 elements used to represent a gray level)
 - 358/3.07 Rescreening (e.g., converting spatial
 resolution)
- 3 358/3.14 (0 OR, 3 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/1.1 STATIC PRESENTATION PROCESSING (E.G.,
 PROCESSING DATA FOR PRINTER, ETC.)
 - 358/1.9 .Attribute control
 - 358/3.01 ..Multi-level image reproduction (e.g., gray
 level reproduction)
 - 358/3.06 ...Halftoning (e.g., a pattern of print
 elements used to represent a gray level)
 - 358/3.13 Dithering (e.g., spatial distribution of
 print elements by threshold matrix)
 - 358/3.14 Adaptive dithering
- 3 358/3.24 (2 OR, 1 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/1.1 STATIC PRESENTATION PROCESSING (E.G.,
 PROCESSING DATA FOR PRINTER, ETC.)
 - 358/1.9 .Attribute control
 - 358/3.24 ..Adaptive image reproduction
- 3 358/443 (2 OR, 1 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/400 FACSIMILE
 - 358/443 .Specific signal processing circuitry
- 3 358/447 (1 OR, 2 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/400 FACSIMILE
 - 358/443 .Specific signal processing circuitry
 - 358/447 ..Signal enhancing
- 3 358/466 (0 OR, 3 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/400 FACSIMILE
 - 358/443 .Specific signal processing circuitry
 - 358/448 ..Image processing
 - 358/465 ...Picture signal thresholding
 - 358/466 Variable thresholding technique
- 3 358/530 (1 OR, 2 XR)
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

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- 358/500 NATURAL COLOR FACSIMILE
- 358/530 .Specific image-processing circuitry
- 3 382/176 (0 OR, 3 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/173 IMAGE SEGMENTATION
 - 382/176 .Distinguishing text from other regions
- 3 382/299 (1 OR, 2 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/276 IMAGE TRANSFORMATION OR PREPROCESSING
 - 382/293 .Changing the image coordinates
 - 382/298 ..To change the scale or size of an image
 - 382/299 ...Raising or lowering the image resolution (e.g., subpixel accuracy)
- 2 358/2.1 (2 OR, 0 XR)
 - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/1.1 STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.)
 - 358/1.9 .Attribute control
 - 358/2.1 ..Processing based on at least two different image attributes (e.g., character, graphic, photo, line, edge, gray-level, color)
- 2 358/3.01 (1 OR, 1 XR)
 - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/1.1 STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.)
 - 358/1.9 .Attribute control
 - 358/3.01 ..Multi-level image reproduction (e.g., gray level reproduction)
- 2 358/3.27 (0 OR, 2 XR)
 - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/1.1 STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.)
 - 358/1.9 .Attribute control
 - 358/3.27 ..Enhancement control in image reproduction (e.g., smoothing or sharpening edges)
- 2 358/300 (0 OR, 2 XR)
 - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/400 FACSIMILE
 - 358/296 .Recording apparatus
 - 358/300 ..Electrostatic or electrolytic
- 2 358/451 (1 OR, 1 XR)
 - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
 - 358/400 FACSIMILE
 - 358/443 .Specific signal processing circuitry
 - 358/448 ..Image processing
 - 358/451 ...Picture size conversion
- 2 358/453 (1 OR, 1 XR)
 - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

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- 358/400 FACSIMILE
- 358/443 .Specific signal processing circuitry
- 358/448 ..Image processing
- 358/453 ...Image portion selection
- 2 358/461 (1 OR, 1 XR)
- Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/400 FACSIMILE
- 358/443 .Specific signal processing circuitry
- 358/448 ..Image processing
- 358/461 ...Shade correction
- 2 358/463 (0 OR, 2 XR)
- Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/400 FACSIMILE
- 358/443 .Specific signal processing circuitry
- 358/448 ..Image processing
- 358/463 ...Noise elimination
- 2 358/500 (1 OR, 1 XR)
- Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/500 NATURAL COLOR FACSIMILE
- 2 358/504 (0 OR, 2 XR)
- Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/500 NATURAL COLOR FACSIMILE
- 358/504 .Measuring, testing, and calibrating
- 2 358/527 (1 OR, 1 XR)
- Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/500 NATURAL COLOR FACSIMILE
- 358/527 .Color photography previewer
- 2 358/533 (0 OR, 2 XR)
- Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/500 NATURAL COLOR FACSIMILE
- 358/530 .Specific image-processing circuitry
- 358/533 ..Moire reduction
- 2 382/164 (0 OR, 2 XR)
- Class 382 : IMAGE ANALYSIS
- 382/162 COLOR IMAGE PROCESSING
- 382/164 .Image segmentation using color
- 2 382/173 (1 OR, 1 XR)
- Class 382 : IMAGE ANALYSIS
- 382/173 IMAGE SEGMENTATION
- 2 382/239 (0 OR, 2 XR)
- Class 382 : IMAGE ANALYSIS
- 382/232 IMAGE COMPRESSION OR CODING
- 382/239 .Adaptive coding (i.e., changes based upon history, activity, busyness, etc.)
- 2 382/254 (2 OR, 0 XR)
- Class 382 : IMAGE ANALYSIS
- 382/254 IMAGE ENHANCEMENT OR RESTORATION

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- 2 382/266 (0 OR, 2 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/254 IMAGE ENHANCEMENT OR RESTORATION
 - 382/266 .Edge or contour enhancement
- 2 382/275 (0 OR, 2 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/254 IMAGE ENHANCEMENT OR RESTORATION
 - 382/275 .Artifact removal or suppression (e.g.,
distortion correction)
- 2 382/298 (1 OR, 1 XR)
 - Class 382 : IMAGE ANALYSIS
 - 382/276 IMAGE TRANSFORMATION OR PREPROCESSING
 - 382/293 .Changing the image coordinates
 - 382/298 ..To change the scale or size of an image